

## **Historic, Archive Document**

Do not assume content reflects current scientific knowledge, policies, or practices.



## Poultry Science and Fur-Bearing Animals

**FILE COPY**  
STA/STA

February 1986

Vol. 2, No. 1

### Introduction

Even though there has been tremendous support for this newsletter, the length maybe a problem for some individuals. The entire newsletter is not meant to be read by everyone. The headings are intended to lead you to information of value to you. The same type information is included in this in this newsletter as in previous editions.

### Avian Influenza

It may not be time to panic, but healthy concern would certainly be in order. Several confirmed cases of H5N2 have occurred in Pennsylvania, New Jersey, or Massachusetts. Various state personnel are optimistic and are in charge of the situation at this time. For more information, contact the Pennsylvania Department of Agriculture Hotline (1-800-932-0904) or the Pennsylvania Poultry Federation at (717-652-7530). Personnel in affected states may also contact their respection Department of Agriculture. See enclosure.

### Remember

Beware of live bird markets and small flocks. Crates and other equipment of contract haulers or others traveling between companies must be cleaned and disinfected after each use, and all should be. Sell all birds in the flock. Follow biosecurity procedures.

### Correction

The address we provided in the last newsletter for the National Turkey Federation was wrong.

Delete: Reston International Center  
Suite 302  
Zip 22091

Insert: 11319 Sunset Hills Road  
Zip 22090

### Opportunities

#### 1) New York -

The Department of Poultry and Avian Sciences at Cornell University, have announced the opening of a position as Extension Associate in Poultry Science. Application deadline is March 14, 1986, with the date available being

April 1, 1986. They prefer a Ph.D, with an M.S. required, in Poultry or Animal Sciences. The salary is commensurate with qualifications and experience. They are interested in someone to develop and coordinate a statewide Extension program involving youth and small flock activities.

For more information contact:

Dr. Dan L. Cunningham  
Department of Poultry and Avian Sciences  
Cornell University  
204 Rice Hall  
Ithaca, NY 14853  
607-256-3168

2) Hawaii

A position as an Assistant or Associate Specialist in Poultry is now available at the University of Hawaii at Manoa. The closing date is May 1, 1986 or until a suitable candidate is identified. The duties include - to provide leadership, direction and assistance in the development of their poultry Extension program, teach an undergraduate poultry production course; opportunity to participate in departmental research. Salary ranges are \$25,320-37,488 for the Assistant, and \$32,040-47,436 for the Associate level, with 4-years post Ph.D experience required for the Associate level. For more information contact:

Dr. Charles W. Weems, Chairman  
Department of Animal Sciences  
University of Hawaii  
1800 East-West Road  
Honolulu, HI 96822  
808-948-8295

Sucess Story

1) Bill Merka, University of Georgia, recently made a two day trip to Washington to visit with personnel in Agricultural Marketing Services (AMS), Food Safety and Inspection Service (FSIS), and other agencies. The purposes were to: 1) obtain answers to specific poultry processing questions; and 2) Introductory - to establish a rapport with these personnel. Bill used my office as his base. He reported this was a very beneficial trip and he intends to come back as needed to work on specific programs or problems. I would like to again extend this invitation to any of you to use my office area as needed, and to meet with personnel in Extension or other agencies.

2) The University of Georgia Poultry Science Department had a booth at the Southeastern Poultry and Egg Association Trade Show. Part of the booth display was devoted to recruiting material used by the department. A leaflet described the University of Georgia campus, the department, course, and personnel. This is one example of what a department can do in the area of recruiting students.

3) Virginia Tech is sponsoring the Twentieth Annual Poultry Processors Workshop, to be held March 5, 1986. This is a one day meeting, having topics that include - USDA updates by AMS and FSIS personnel; Quality Control ; and the impact of the Residue Avoidance Program. Due to logistics, scheduling, or money problems, most companies cannot afford to send personnel in many management positions to regional workshops (e.g. those sponsored by Southeastern). To be most value to the company, personnel need to be kept current, and be rewarded at least occasionally with trips to meetings. The cost of educational opportunities such as this can easily be justified by employee morale, and the savings generated by just one idea. Meetings such as this successfully, meet the need of updating a greater cross section of personnel than is normally possible. -

4) The North American Gamebird Association held the annual meeting in Bilox, Mississippi January 15-19. The meeting consisted of educational workshops, instruction in necropsy and equipment displays. The meeting was very successful, with record attendance. Those interested in working with the gamebird industry should consider attending the next meeting in New Orleans, and becoming a member of this professional organization. For more information contact:

John Mullin, Executive Director  
North American Gamebird Assn., Inc.  
Rt. 1 Box 96 - Wildlife Harvest  
Goose Lake, Iowa 52750

5) Pennsylvania Game Bird Conference - The Poultry Science Department at The Pennsylvania State University has announced that the Game Bird Production and Management of Shooting Preserves annual conference will be held February 24-25, 1986. The course is designed for anyone interested in game birds or hunting resort operation. It has sessions designed primarily for experienced producers, but would be beneficial for beginners. The conference is normally attended by 100 producers from eight states and has enjoyed many years of success. For more information, contact Herb Jordan.

North  
American  
Gamebird  
Assn., Inc.

The following information is provided for those Extension specialists having an interest in working with the gamebird industry. Licensed game farms, meat bird facilities, and hunting preserves are no longer just an interesting hobby, or even a way of life - they have evolved into a growing, challenging business. The North American Gamebird Association, Inc. (like other trade associations) is a non-profit organization of business competitors who work together to solve mutual problems and improve net income. The purpose of NAGA is to promote, protect and improve the gamebird breeding and hunting preserve industries. The individuals and program participants at NAGA conventions come from diverse backgrounds--state game departments, industry,



members of the Association, related professions, universities, etc. The Association encourages its members to follow the Code of Ethics which protect them from unscrupulous business practices, and discourages government intervention. They promote fair and honest dealings, the sale of sound birds and hatching eggs, true representation of our stock, courteous and prompt service to the customer, cooperation with our customers to insure their success, and adherence to fair trade practices. The membership fee includes 12 issues of Wildlife Harvest, (50-60 pages, edited by John Mullin) a yearly Directory of all NAGA members, and information sources. For more information, contact:

Walter S. Walker, Secretary  
P.O. Box 2105  
Cayce-West Columbia, SC 29171  
803-796-8163

Material  
Available

1) New Agricultural Yearbook -

The New Agricultural Yearbook analyzes how American agriculture interacts with the Nation's economy, how it functions in the international trade area, and how it is affected by apparently unrelated domestic policies. Copies may be available from individual Congressmen. Single copies can be available from the Superintendent of Documents, Government Printing Office, Washington, D.C 20402 for \$10.00.

2) 1982 Census of Agriculture -

Information from the 1982 Census of Agriculture, including state and national summary data (no charge for a printed copy), is now available from the Public Information Office of the U.S. Bureau of the Census, Washington, D.C. 20233. Telephone 301-763-4040. Contact Steve Stanley, Public Information Officer, Agriculture Division, at the address above for multiple copies of the kit. Stanley also has an excellent 12-minute slide-tape presentation on the 1982 Census of Agriculture available by request. A graphic summary of this data cost \$9.50; GPO stock No.003-024-06362-0.

3) National Poultry Improvement Plan (NPIP) -

The NPIP is a voluntary program for the blood testing and certification of Poultry breeding flocks for certain egg-transmitted, hatchery-disseminated diseases. The staff of NPIP will soon have available their annual directories of participants for 1986. These directories are published in two volumes and list the name and address of the participant, the hatching egg capacity of the hatchery, the stock handled, and the disease control programs for which their products are certified. Also available is a publication listing, by States, the number of participating flocks, the number of breeders tested for each disease program, the number of positive flocks, and the size of the average breeding flock in the program. Similar participation data are provided concerning the hatcheries, dealers, and independents breeding flocks. These publications are:

- APHIS 91-41 - 1986 Directory of Participants Handling Egg -  
Type and Meat-Type Chickens and Turkeys  
APHIS 91-42 - 1986 Directory of Participants Handling Water-  
fowl, Exhibition Poultry, and Gamebirds  
APHIS 91-43 - Table of Hatchery and Flock Participation  
1983-84 and 1984-85

To order copies, contact:

NPIP  
USDA/APHIS Veterinary Service  
Room 828, Federal Center Building #1  
Hyattsville, MD 20782

- 4) Gamebird Resource Lists -  
a) The 1985 Missouri Gamebird Directory has recently  
been printed. To obtain a copy contact Glenn  
Geiger, who prepared this publication.  
b) A Resource List for Gamebird Producers, Fanciers, and  
other Poultry Producers, General Report #112, has been  
prepared by Richard Reynnells. Contact Chuck Strong  
at the University of Georgia for a copy.

5) Animal Health Data Base -

The new electronic data base "Animal Health Information Service" available through the USDA Online menu on the ITT Dialcom System is a pilot project of several USDA Agencies (CSRS, APHIS, ES), and the Food and Drug Administration. It began October 1, 1985. The information often is not available in "hard copy" (printed form), but only from a computer data base.

Source: Extension Service Update, Agricultural Programs  
January-February 1986.

6) Science Workbook Available -

"The Science Workbook of Student Research Projects in Food Agriculture - National Resources", 1985 edition; edited by Dr. Edward E. Darrow is now available. This Workbook is intended to be a handbook for high school and middle school Science teachers and students. Most authors have written their projects and articles with student readers as their target audience. The projects in this book can be used as demonstrations in the laboratory or classroom to help the teacher illustrate the practical application of basic science principles. Or, this workbook can serve as a resource from which students can select topics for independent investigation to present at science fairs. Also, you may find ideas for 4-H or other youth projects. The project vary in level of difficulty to accomodate both the gifted and average student. Topic headings include: Conducting a Research Project: For the Young Scientist; Animal Nutrition; Animal Physiology and Biochemistry; Animal Reproduction;; Food Science and Food Products; Insects; Plant Physiology and Biochemistry; Soil Biology; and Guidelines for Animal Use. One copy of this 109 page workbook will be provided at no charge. For more

information, contact:

Dr. Edward E. Darrow  
College of Agriculture  
The Ohio State University  
2120 Fyffe Rd.  
Columbus, OH 43210  
614-422-1734

7) Anatomy Reprints available to Library -

Dr. Alfred Lucas through his many years in research has acquired a large volume of one-of-a-kind reprints of anatomy articles. These reprints cover all aspects of the anatomy of Aves and other zoological classifications. We would like these reprints to be included in a university library so they may be readily available for reference. If you are interested in obtaining the following material for your work in poultry, contact me, or Dr. Cal Flegal or Dr. Lucas at Michigan State University.

1) Ten 4-drawer file cabinets and about 8 egg cases of reprints; several translated articles; indexed.

2) There is also a large amount of blood slides of wild birds classified by order, family, genus, species; and other tissue or blood slides.

3) There is other anatomy equipment and drawings; also copper or lead plates for the unfinished Avian Anatomy Vol. 2, by Chamberlain.

American  
Poultry  
Historical  
Society

I included this section for those interested in knowing more about the successes of the poultry industry, and how this information is being preserved. In January 1952, at the Boston Poultry Show a few people met informally and selected Herb Alp to head an organization committee. In June of 1952, this committee met in New York City, and the American Poultry Historical Society was organized. At the annual meeting in 1953 plans were developed for a Poultry Hall of Fame. From 1954 to 1970 portraits of honorees were displayed in Jull Hall, University of Maryland. In 1970, the Poultry Hall of Fame was moved to the National Agricultural Library at Beltsville, Maryland. The purpose of the American Poultry Historical Society is to find, collect, and preserve records, pictures, materials and objects connected with the development of the Poultry Industry of America, and to make available its great history to this and future generations and to honor or recognize persons for outstanding achievement or leadership in the industry. In 1974 the Society published the book "American Poultry History", 1823-1973. This 775 page volume was the most complete coverage of the history of any food animal species. Copies are still available from the society. Persons interested in membership or further information should contact American Poultry Historical Society, c/o Poultry Science Department, 1675 Observatory Dr., Room 260, University of Wisconsin, Madison, WI 53706



Avian Anatomy  
Volume Sent

You may have wondered why you received some volumes of Avian Anatomy, Integument, Volumes 1 and 2. Storage space has been at a premium at USDA and some, if not all, of these volumes were to be discarded. Personnel at NPIP have sent or will send volumes to Extension personnel based on my estimates of need; or in response to specific requests. Volumes in excess of requirements can be saved for future students or a set given to your university library. There are a few sets left at Michigan State and I have a few sets in this office. If you need more, call or write and they will be sent first come, first serve.

From the  
Federal  
Register

1) Importation of Poultry Hatching Eggs. The Animal and Plant Health Inspection Service (APHIS) has announced a 60-day extension of the comment period for the proposed rule that would amend the import regulations for poultry hatching eggs. This topic was covered in this newsletter, Vol. 1, No. 7. Briefly, they would 1) delete the quarantine requirement for hatching eggs from VVND free countries; and; 2) clarify the quarantine period of hatching eggs and poultry from these eggs. Written comments must be received on or before March 7, 1986. Refer to Docket No. 82-107 when making comments. As stated previously submit written comments to:

Thomas O. Gessel, Director  
Regulatory Coordination Staff  
APHIS/USDA Room 728  
Federal Building  
6505 Belcrest Road  
Hyattsville, MD 20782

For further information, contact:

Dr. S.S. Richardson, Chief Staff Veterinarian  
Import/Export Animals and Products Staff  
VS, APHIS, USDA Room 843  
Federal Building  
6505 Belcrest Road  
Hyattsville, MD 20782  
301-436-8172

Source: Federal Register, Vol. 51, No. 4; Tuesday,  
January 7, 1986, page 613.

2) Money -

The Cooperative State Research Service (CSRS) has announced that applications are invited for competitive grant awards under the Special Research Grants Program, for fiscal year 1986. The Secretary may award grants for period not to exceed five years for the support of research projects to further the following program areas applicable to poultry:  
1) respiratory disease; 2) metabolic and immunologic diseases;  
3) enteric disorders. Research should be directed toward:  
1) basic studies to clarify disease problems; or 2) development of practical management systems that prevent or alleviate

animal losses. To be considered for funding during fiscal year 1986 proposals must be received by March 10, 1986. Copies of the "Research Grant Application Kit", more information, and Administrative Provisions governing the program may be obtained by contacting:

Grants Administrative Management  
Attn: Proposal Services Unit  
Office of Grants and Program Systems  
USDA Room 007 J.S. Morrill Building  
15th & Independence Ave., S.W.  
Washington, DC 20251  
202-475-5049

Source: Federal Register, Vol 50, No. 245; Friday, December 20, 1985, page 52204-52206.

3) Streamlined Inspection Service (SIS) -

The Food Safety and Inspection Service (FSIS) is requesting comments regarding an interim rule that amends the Federal poultry inspection regulations to establish the SIS method of inspection. The new system is to be implemented in establishments now operating under Modified Traditional Inspection (MTI). SIS incorporates new procedures that require one or two inspectors and a Finished Product Standards (FPS) program for evaluating the wholesomeness and acceptability of the finished product. The traditional, MTI, New Line Speed (NELS) and SIS systems are described in this Federal Register article. They also include definitions of nonconformance, and finished product standards in a table format. The program is effective January 29, 1986, and comments must be received on or before March 31, 1986.

Address written comments to:

USDA  
FSIS, Policy Office  
Attn: Hearing Clerk  
Room 3803 South Bldg.  
Washington, DC 20250

For further information, or to make oral comments, contact :

Dr. Douglas L. Berndt, Director  
Slaughter Inspection Standards & Procedures Division  
Meat & Poultry Inspection Technical Service  
FSIS/USDA  
Washington, DC 20250  
202-447-3219

Source: Federal Register; Vol. 51, No. 19; Wednesday, January 29, 1986 page 3569-3580.

4) Facility and Equipment Requirements for SIS. FSIS is proposing to establish facility and equipment requirements for establishments operating under the SIS for broilers and cornish game hens. The changes would specify dimensions of the inspection and reinspection stations for SIS. These changes include the installation of an appropriately designed, adjustable platform at each inspector's station, and would require a carcass selection device (selector, kickout) at inspection stations. The changes also

specify lighting, handwashing, and other equipment requirements. Docket No. 85-036P. Comments must be received on or before February 28, 1986. Written comments should be sent to:

Policy Office  
Attn: Annie Johnson  
FSIS Hearing Clerk  
Room 3803 South Bldg.  
USDA/FSIS  
Washington, DC 20250

For further information or to provide oral comments contact:

Dr. Douglas L. Berndt, Director  
Slaughter Inspection Standard & Procedures Division  
Meat & Poultry Inspection Technical Services  
USDA/FSIS  
Washington, DC 20250  
202-447-3219

National  
Agricultural  
Library (NAL)

The NAL, with a total collection of 1.8 million volumes, is one of the largest agricultural libraries in the world. It is the coordinator and primary resource for a national network of state land-grant and field libraries and serves agricultural libraries nationwide. The Library is the U.S. center for the international agricultural information system. Located on the grounds of the 7,000 acre Agricultural Research Center, in Beltsville, MD, it is one of three national libraries. The other are the Library of Congress and the National Library of Medicine. The NAL offers many services, some of which are outlined here.

1) Biotechnology Information Center

The National Agricultural Library (NAL) announces the formation of a Biotechnology Information Center as part of a continuing effort to complement and support research priorities in U.S. agriculture. NAL is presently working to ensure that all relevant biotechnology literature is indexed and accessible worldwide through appropriate bibliographic services. One such service is AGRICOLA, the Library's computerized data base system and index to more than 2 million books and articles relating to all aspects of agriculture. Access to the AGRICOLA data base is possible through office and personal dial-up computer terminals, public or university libraries, and commercial search services. In attempting to track the literature of this increasingly and diverse discipline, NAL makes available to users several bibliographic aids which are international in scope. These include "Telegen Reporter" (file 238 on the DIALOG system) and "Derwent Abstracts" (file name "Biotech" on the Orbit System).

The Library through its Current Awareness Literature Service (CALS), keeps USDA personnel posted on recent literature published in the field of biotechnology. The CALS system searches Telegen, a data base of scientific, technical, and socioeconomic information related to genetic engineering and biotechnology drawn from 7,000 worldwide sources. Document delivery services based on resulting citations are provided



through NAL and the USDA Regional Document Delivery System. NAL will also furnish to non-USDA users full-text documents from the Telegen data base in either hardcopy or microfiche. This service is available on a cost basis through the Library's Lending Division. The Library is now meeting with industry groups, Federal and State agencies and the scientific community to identify sources of potential support for the Information Center. For further information contact Jean Bellows and/or Susan Whitmore, Biotechnology Information Center Coordinator, NAL, Room 111, Beltsville, MD 20705, 301-344-3704.

#### 2) Feed Composition Data Bank

The Feed Composition Data Bank (FCDB) is now operational at the NAL. The data bank is one of the most complete compilations of data on feedstuffs in the world, containing information on more than 23,000 feeds. The NAL also offers several FCDB publications which are available for purchase. The FCDB relies heavily on current research for its nutrient information collection activities. The Library actively seeks any data contributions from researchers in the feedstuffs community--government as well as industry. The FCDB staff welcomes the opportunity to exchange feedstuffs information and disseminate feed composition tables. For further information contact, the Feed Composition Data Bank, Information Systems Division, NAL, Beltsville, MD 20705 301-344-3813

#### 3) Food Irradiation Information Center

The NAL has announced the formation of a national Food Irradiation Information Center. This action is in response to growing government and industry interest in the use of radiation for food presentation and treatment. The NAL is actively pursuing avenues of support for expansion in the following areas:

Collection Development; Information Products; and Public Services. For further information contact Carole Shore, Food Irradiation Information Center Coordinator, National Agricultural Library, Room 304, Beltsville, MD 20705; 301-344-4369.

#### 4) Oral Histories and Archival Material

The Special Collections Program of the (NAL) welcomes the opportunity to receive, preserve, and make available archival/manuscript materials of historic value including diaries, account books, letters, notebooks, memoirs, reminiscences, and oral histories pertaining to agriculture and its many related fields. The American Poultry Historical Society has been cooperating in this project. Cititions to the interviews on file may be accessed through AGRICOLA.

If you have an interest in pursuing this idea please contact Dr. Alan Fusonie, Assistant Chief for Special Collections, NAL, Beltsville, MD 20705; 301-344-3876.

#### 5) Poultry Hall of Fame

The Poultry Hall Fame, housed in the reading room of the NAL since 1972, has been relocated to NAL's second floor executive offices. The special collection of portraiture recognizes persons for outstanding achievement and leadership in the poultry industry. The American Poultry Historical Society,



sponsors of the Poultry Hall of Fame, and the NAL have long cooperated to collect, disseminate, and preserve information about the development of the poultry industry in America. In 1971, the NAL received the James M. Gwin Poultry Collection of over 1,000 volumes--the personal working library of Dr. Gwin, a former professor of Poultry Husbandry and director of the Extension Service at the University of Maryland. Complementing and supporting the Poultry Hall of Fame and the Gwin Collection at the NAL is one of the largest collections of poultry literature in the world, covering such subjects as anatomy, physiology, breeding, canning, diseases, equipment, feeding, hatcheries, marketing, processing, and statistics. National and worldwide access to NAL collections as well as future acquisitions will be available through AGRICOLA. For further information contact: Dr. Alan Fusonie, Special Collections, NAL, Room 301-A, Beltsville, MD 20705; 301-344-3876.

6) USDA Regional Document Delivery System (RDDS)  
For approximately 11 years, land-grant university libraries have participated with the USDA, and the NAL, to provide documents and photocopies of articles to USDA personnel and libraries in the States and regions. The basic structure and operation of the RDDS are, briefly, as follows: USDA personnel and USDA field libraries in the states send their document requests to the major land-grant university library of that State. Requests are filled by the State land-grant library whenever possible with photocopies, microforms, or the loan of a hard copy volume sent directly to the requester. Requests not filled at the State land-grant library are then sent to the regional coordinating library, where they are filled if possible. Requests that remain unfilled at the regional level are then referred to the NAL for completion. Funding is accomplished by cooperative agreements between the regional coordinators and the NAL. For more information contact, John B. Forbes, Network Coordination, NAL, Room 204, Beltsville, MD 20705, (301) 344-1563. Copies of the full report for 1984 with comparative data for 1974-84 are available from the author.

#### Directory Changes

- 1) Iowa - Change telephone numbers to:  
William Owings 515-294-4303  
Robert Hasiak 515-294-2572  
Jerry Sell 515-294-4002  
Darrell Trampel 515-294-0710

Note: For those new to Extension, Darrell is located at 2270 Vet Medicine.

- 2) Mississippi -  
Add: Robert W. Keirs, DVM  
College of Veterinary Medicine  
Poultry Pathology  
Drawer V  
Mississippi State University  
Mississippi State, MS 39762  
601-325-3432  
10% Extension

His areas of interest are reproductive efficiency and pathology.

3) Rex Bushong has returned to Auburn as an Extension Poultry Scientist. He will be responsible for general management and nutrition of all poultry species. He has a 100% Extension position. His address and telephone number are as listed in your directory.

4) The supply of directories is nearly exhausted. Before more copies are duplicated changes will be made. If you have changes, please send them to me before mid-March.

Federal Junior  
Fellowship  
Program

Agencies within USDA are allotted positions in this program. Recruitment is from currently graduating high school seniors, that 1) will be in a baccalaureate curriculum; 2) be interested in a Federal career after graduation; 3) be in the upper 10 percent of their graduating class; 4) have a demonstrated need for earnings, plus other conditions. Employment is full-time during summer or other vacation periods, starting at GS-2 and possibly being eventually up graded to GS-5. Employment will be at USDA facilities, in the interest area of the student. For more information, contact:

USDA, Office of Personnel  
Room 1078, South Bldg.  
14th & Independence Ave., S.W.  
Washington, DC 20250  
202-447-5625

*Richard D. Reynnells*

Richard D. Reynnells  
Program Leader, Poultry Science

---

*The Extension Service of the United States Department of Agriculture offers its program to all eligible persons regardless of race, color, age, sex or national origin, and is an equal opportunity employer.*